

JOB DESCRIPTION

JOB TITLE:	Data Engineering Lead
REPORTS TO:	Operations Manager, Southern Region
LOCATION:	Wellington

Background

Solnet's data practice offers our clients a range of services, from business-focused consulting, to data architecture and technical delivery, to visualisation and analytics. We help our clients build robust data capabilities supported by operating models, governance, data standards, practices, and patterns.

Job scope

This role represents an exciting opportunity to provide technical leadership and strategic direction for Solnet's clients and our internal technical delivery teams.

As Data Engineering Lead, you will:

- play a key role in the design and delivery of modern data offerings for Solnet's clients
- set technical direction and offer solution leadership for Solnet's delivery team
- support internal and external architecture teams, and develop inputs into Solnet's reference architectures and operating models
- contribute to ongoing development and communication of best practises, standards, methods, and processes.

As a member of our team you will have many opportunities to deliver innovation, provide thought leadership, set technology direction, and facilitate change. You will join a dynamic environment and will work with highly experienced technical specialists and delivery teams.

Role and responsibilities

Technical leadership

- Provide technical direction and solution leadership for Solnet's delivery team, by acting as a thought leader with respect to data technology and value propositions
- Work closely with our clients to help drive adoption of modern technology and practices in support of their desired business outcomes
- Provide overall technical vision, direction, and roadmaps to help Solnet and our clients achieve key goals
- Collaborate with architectural teams (internal and external) to define solution components and patterns
- Work closely with Solnet's Business Advisory practise, to align technology and platforms with operating models and reference architectures
- Contribute to ongoing development and communication of best practises, standards, methods, and processes for Solnet delivery team and our clients
- Provide mentoring, guidance, and support to other team members, and client personnel

- Undertake technical or consulting assignments as required in your areas of expertise, for example design and implementation of data pipelines and data platforms
- Manage development and maintenance of capability artefacts (sales collateral, engagement and delivery models, output templates, etc) for assigned data propositions
- Provide architectural and expert input on proposals, including scoping, design, estimation, and feasibility
- Keep up to date with the latest technologies, best practices, and trends relevant to data management and data solutions
- Achieve and maintain certification in relevant product and technology areas (you will be supported by Solnet in this).

Business development

- Establish and maintain effective long-term relationships with senior business and IT stakeholders
- Develop business opportunities by engaging with prospects, providing presentations and supporting materials, and assisting marketing activities
- Work alongside Solnet's clients to understand their challenges in the data domain; work with architectural teams to translate challenges into implementable solutions
- Actively contribute to our website, blog and social media, and represent Solnet at relevant industry events
- Contribute to ongoing development of Solnet's data offerings
- Conduct technical presentations and demonstrations to clients and peers.

Ideal skills and experience

- Around 10 years' experience in the enterprise IT domain, with at least three years' in a technical lead or equivalent role
- Proven technical delivery experience and knowledge of best practice in the domain of cloud-based data & analytics platforms
- Strong knowledge of data engineering, the software delivery lifecycle, agile practices, and the principles of Continuous Delivery / DevOps
- Working knowledge of enterprise architecture and common frameworks (e.g. TOGAF).
- **Must have** specific skills and experience in the following areas:
 - Strong knowledge of data modelling, integration and pipeline development approaches for operational and analytical contexts such as 3NF, Data Vault, or Dimensional Modelling
 - Working knowledge of the data & analytics domain, including business intelligence and advanced analytics (data science)
 - Proven design & development experience building data solutions using at least one of the leading cloud platforms e.g. Azure, AWS, or GCP.
- **Desirable to have** skills and experience with some of the following:
 - Data-warehouse/data-lake implementation
 - Experience with ML/AI or similar intelligence related tools
 - Experience with data governance tools such as data catalogues, metadata management and data quality management.

Other attributes

- Passionate about staying at the forefront of emerging data technologies; ability to rapidly master new techniques and technologies
- Commitment to delivering world-class outcomes for our clients
- Ability to lead a team of business and technology experts
- Strong business acumen and ability to determine key engagement outcomes
- Comfortable presenting, and leading workshops; able to explain complex concepts as appropriate for the audience
- Ability to persuade and influence
- Excellent written and verbal communication skills
- Ability to “solve the right problems” when it comes to technical solutions
- Ability to work effectively under pressure, and to adapt to change
- Able to work independently and in highly collaborative teams
- Ability to plan and manage multiple tasks or workstreams
- Ability to both work well in a team and effectively contribute to the team’s success
- Excellent interpersonal skills, including the ability to work with Solnet’s clients and other external vendors
- Reliable and dependable; flexible, adaptable and comfortable with change
- Able to travel and conduct business outside of Wellington (esp. Auckland), from time to time.

Qualifications

- Relevant technical certifications or accreditations.
- A Computer Science Degree or equivalent is preferred.